

Penstemon pahutensis N. Holmgren**PAHUTE MESA BEARDTONGUE**

FAMILY: *Scrophulariaceae*, the figwort family.

STATUS:

Heritage Program SENSITIVE LIST, ranks: G3 S3

USFWS/ESA: species of concern. **STATE OF NEVADA:** none. **BLM:** Special Status Species in Nevada.

USFS: none. **NNNPS:** watch list.

POPULATION CENSUS (NEVADA): **32 occurrences mapped** at 1.0 km (0.6 mi) separation, OR **51 occurrences mapped** at 0.16 km (0.1 mi) separation; total estimated **individuals 5048+**, total estimated **area 1390+ ha (3435+ ac)**.
TREND: unknown.

IMPACTS AND MAJOR THREATS (NEVADA): No summary available (see references).

INVENTORY EFFORT (NEVADA): Surveys have been extensive in several areas, but some potential habitat likely remains unexamined. Most recent entered survey 1995, average year of last survey 1990.

Years since last entered survey (percent of mapped records at various survey ages): **6-10 yrs:** 90.4%; **21-30 yrs:** 3.8%; **31-50 yrs:** 5.8%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Department of Energy, U. S. Department of Defense, National Park Service, U. S. Bureau of Land Management.

RANGE: Esmeralda and Nye counties, Nevada; also in CA. Maximum Nevada **range dimension 98.0 km (60.9 mi)** excluding most disjunct record.

ELEVATIONS RECORDED (NEVADA): 5360-8240 feet (1634-2512 meters).

HABITAT (not yet reviewed for Nevada): "In loose soil and rock crevices among boulders in pinyon-juniper woodlands and sagebrush shrublands. 1770-2285 m elevation."

PHENOLOGY: no summary available. Range of most frequent **survey months:** May-August.

DESCRIPTION: A short-lived perennial, up to 7.5 dm tall, with large, blue-lavender funnel-shaped flowers on the top portion of the stems. Blooms June to mid-July.

PHOTOGRAPHS: Blomquist et al. (1995), Knight and Smith (1995), Knight et al. (1997); Nevada Natural Heritage Program images web page (1998-present) and slide collection (1986-present).

ILLUSTRATIONS: Cronquist et al. (1984), Mozingo and Williams (1980).

OTHER GENERAL REFERENCES (listed separately): Beatley (1976), Beatley (1977), Cochrane (1979), Hickman (1993), Rhoads and Williams (1977).

SPECIFIC REFERENCES:

Holmgren, N. H. 1971. A new species of *Penstemon* from Nye County, Nevada. *Aliso* 7: 351-356.
